



## EASA Safety Information Bulletin

**SIB No.:** 2010-29  
**Issued:** 07 October 2010

**Subject:** Thales Angle of Attack (AoA) Sensors

**Ref. Publication:** Thales Avionics S.A. Service Bulletins (SB) C16363A-31-002, 45150560-31-003, 45150561-31-003 and 45150563-31-002, all at original issue, dated 22 June 2009.

**Applicability:** Thales AoA sensors, Part Number (P/N) C16363AA, P/N 45150560, P/N 45150561 and P/N 45150563, serial numbers (s/n) as identified in the above-referenced SBs. These units are known to be installed on ATR 42 and ATR 72 aeroplanes.

**Description:** Several Thales AoA sensor units have been repaired in a North American repair station. The bench used for final acceptance test was not properly controlled and calibrated. As a result, the accuracy of the affected AoA sensors cannot be guaranteed.

Thales has issued the above-referenced SBs, identifying the affected units by P/N and s/n, which contain instructions to send the affected sensors to Thales Avionics for test and adjustment.

This SIB is issued to draw the attention of aeroplane owners, operators and maintenance organisations to these SBs.

**Recommendation:** EASA recommends that operators take the actions as specified in the above-referenced Thales SB, as applicable to AoA sensor P/N, remove each affected s/n unit from service and send it to Thales Avionics or an authorised (by Thales) Repair Station for test and adjustment.

Affected s/n units which have already been inspected, tested and adjusted in accordance with Thales instructions have a label affixed on them with the relevant SB number, e.g. as shown below:

INSPECTED SB C16363A-31-002
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**Contact:** For further information contact the Airworthiness Directives, Safety Management & Research Section, Certification Directorate, EASA. E-mail: [ADs@easa.europa.eu](mailto:ADs@easa.europa.eu).

The publications referenced in this SIB can be obtained upon request from:

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